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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/723,365
Filing Date	November 26, 2003
First Named Inventor	Van den Boom
Group Art Unit	1637
Examiner Name	WOOLWINE, SAMUEL C

Sheet 1 of 5

Attorney Docket No: SEQ-2073-UT

US PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1.	4,762,823	08/1998	Wantanabe et al.	
	A2.	5,210,412	5/11/1993	Levis et al.	
	A3.	5,580,733	12/3/1996	Levis et al.	
	A4.	5,753,439	05/1998	Smith et al.	
	A5.	5,849,542	12/15/1998	Reeve	
	A6.	5,861,242	01/1999	Chee et al.	
	A7.	5,869,240	2/9/1999	Patterson	
	A8.	6,107,039	8/22/2000	Hanna	
	A9.	6,475,807	11/5/2002	Geysen et al.	
	A10.	6,994,969	2/7/2006	Zabeau et al	
	A11.	2003/0017483	01/2003	Ecker et al.	
	A12.	2006/0252061	11/9/2006	Zabeau et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
	A13.	AU 758454B2	3/20/2003	Univ Boston; Sequenom		
	A14.	WO 05/093095	10/6/2005	Dietrich et al.		
	A15.	WO 98/20453	5/14/1998	Madden et al		
	A16.	WO 03/057909	7/17/2003	Berlin, Kurt		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A17.	Aurup et al., Biochemistry, 31: 9636-9641 (1992)	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

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Sheet 2 of 5

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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A18.	Bachem et al., The Plant Journal, 9: 745-753 (1996).	
	A19.	Bonnin et al., J. Mol. Biol., 290: 241-251 (1999).	
	A20.	Bullinger, L., "Gene Expression Profiling in Acute Myeloid Leukemia," J. Clinical Oncology, September 10, 2005, Vol. 23, No. 26, pages:6296-6305	
	A21.	Clayton et al., Curr. Opin. Microbiol., 1: 562-566 (1998).	
	A22.	Conrad et al., Nucleic Acids Res., 23: 1845-1853 (1995).	
	A23.	Contreras et al., FEBS Lett., 16: 281-283 (1971).	
	A24.	Crain et al., Curr. Opin. in Biotechnol., 9: 25-34 (1998).	
	A25.	Eckstein, Ann. Rev. Biochem., 54: 367-402 (1985).	
	A26.	Eng et al., Nature Biotechnol., 15: 422-426 (1997).	
	A27.	Fleischmann et al., Science, 269: 496-512 (1995).	
	A28.	Frommer et al., "A Genomic Sequencing Protocol that Yields a Positive Display of 5-Methylcytosine Residues in Individual DNA Strands," PNAS, Vol. 89, March 1, 1992 p. 1827-1831	
	A29.	Gao et al., Proc. Natl. Acad. Sci. USA, 94: 407-411 (1997).	
	A30.	Gish et al., Nucleic Acids Symp. Ser., pp. 253-256 (1987).	
	A31.	Gish et al., Science, 240: 1520-1522 (1988).	
	A32.	Hertogs et al., Antimicrob. Agents Chemother., 42: 269-276 (1998).	
	A33.	International Search Report and Written Opinion received in PCT/US2006/30256 mailed on: 8/14/2008	
	A34.	Isola et al., Anal. Chem., 71: 2266-2269 (1999)	
	A35.	Ivanova et al., Nucleic Acids Res., 23: 2954-2958 (1995).	
	A36.	Kato, Nucleic Res., 23: 3685-3690 (1995).	
	A37.	Lander et al., Science, 265: 2037-2048 (1994).	
	A38.	Lee et al., Proc. Natl. Acad. Sci. USA, 92: 8303-8307 (1995).	
	A39.	Liang et al., Science, 257: 967-971 (1992).	
	A40.	Limbach, Mass Spectrom. Rev., 15: 297-336 (1996).	
	A41.	Lipshutz et al., Curr. Opin. in Struct. Biol., 4: 376-380 (1994).	
	A42.	Little et al., J. Am. Chem. Soc., 116: 4893-4897 (1994).	
	A43.	Loverix et al., Nature Struct. Biol., 5: 365-368 (1998).	
	A44.	Meador et al., Eur. J. Biochem., 187: 549-553 (1990).	
	A45.	Milligan et al., Nucleic Acids Res., 15: 8783-8798 (1987).	
	A46.	Murray, J. Mass Spectrom., 31: 1203-1215 (1996).	
	A47.	New England BioLabs Catalog, T4 DNA polymerase, T7 RNA polymerase, pp. 74-75, 1996/1997	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

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	Group Art Unit	1637
	Examiner Name	WOOLWINE, SAMUEL C
Sheet 3 of 5	Attorney Docket No: SEQ-2073-UT	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
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	A48.	Nickerson et al., Nature Genet., 19: 233-240 (1998).	
	A49.	Nordhoff et al., J. Mass Spectrom., 30: 99-112 (1995).	
	A50.	Office Action mailed: 1/15/2008 in U.S. Patent application 11/089,805 filed on 3/24/2005 Published as: US-2005-0272070 on 12/8/2005	
	A51.	Office Action mailed: 1/19/2007 in U.S. Patent application 11/222,991 filed on 9/8/2005, Published as: US-2006-0073501A on 4/6/2006	
	A52.	Office Action mailed: 1/23/2007 in U.S. Patent application 10/830,943 filed on 4/22/2004 Published as: US-2005-0009053A1 on 1/13/2005	
	A53.	Office Action mailed: 1/24/2003 in U.S. Patent application 10/018,453 filed on 10/30/2001, Now U.S. Patent 6,994,969 Issued on: 2/7/2006	
	A54.	Office Action mailed: 1/27/2006 in U.S. Patent application 10/272,665 filed on 11/15/2002 Published as: US-2003-0180748A1 on 9/25/2003, now U.S. Patent 7,332,275 issued on 2/19/2008	
	A55.	Office Action mailed: 1/27/2009 in U.S. Patent application 10/888/359 filed on 7/9/2004 Published as: US-2006-0210992A1 on 9/21/2006	
	A56.	Office Action mailed: 1/30/2009 in U.S. Patent application 11/348,683 filed on 2/7/2006 Published as: US-2006-0252061A1 on 11/09/2006	
	A57.	Office Action mailed: 10/26/2004 in U.S. Patent application 10/272,665 filed on 11/15/2002 Published as: US-2003-0180748A1 on 9/25/2003, now U.S. Patent 7,332,275 issued on 2/19/2008	
	A58.	Office Action mailed: 10/9/2007 in U.S. Patent application 10/830,943 filed on 4/22/2004 Published as: US-2005-0009053A1 on 1/13/2005	
	A59.	Office Action mailed: 12/12/2005 in U.S. Patent application 10/723,365 filed on 11/26/2003 Published as: US-2005-0112590A1 on 5/26/2005	
	A60.	Office Action mailed: 12/16/2008 in U.S. Patent application 11/222,991 filed on 9/8/2005, Published as: US-2006-0073501A on 4/6/2006	
	A61.	Office Action mailed: 12/2/2005 in U.S. Patent application 10/933,611 filed on 9/2/2004 Published as: US-2005-0089904A1 on 4/28/2005	
	A62.	Office Action mailed: 12/27/2006 in U.S. Patent application 10/933,611 filed on 9/2/2004 Published as: US-2005-0089904A1 on 4/28/2005	
	A63.	Office Action mailed: 12/5/2006 in U.S. Patent application 10/723,365 filed on 11/26/2003 Published as: US-2005-0112590A1 on 5/26/2005	
	A64.	Office Action mailed: 12/8/2008 in U.S. Patent application 10/723,365 filed on 11/26/2003 Published as: US-2005-0112590A1 on 5/26/2005	
	A65.	Office Action mailed: 2/17/2009 in U.S. Patent application 10/933,611 filed on 9/2/2004 Published as: US-2005-0089904A1 on 4/28/2005	
	A66.	Office Action mailed: 2/2/2009 in U.S. Patent application 11/089,805 filed on 3/24/2005 Published as: US-2005-0272070 on 12/8/2005	
	A67.	Office Action mailed: 2/29/2008 in U.S. Patent application 10/723,365 filed on 11/26/2003 Published as: US-2005-0112590A1 on 5/26/2005	
	A68.	Office Action mailed: 2/6/2009 in U.S. Patent application 10/830,943 filed on 4/22/2004 Published as: US-2005-0009053A1 on 1/13/2005	

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DATE CONSIDERED

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Group Art Unit	1637
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Sheet 4 of 5

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	A69.	Office Action mailed: 3/31/2008 in U.S. Patent application 11/348,683 filed on 2/7/2006 Published as: US-2006-0252061A1 on 11/09/2006	
	A70.	Office Action mailed: 3/8/2006 in U.S. Patent application 10/723,365 filed on 11/26/2003 Published as: US-2005-0112590A1 on 5/26/2005	
	A71.	Office Action mailed: 4/17/2008 in U.S. Patent application 10/933,611 filed on 9/2/2004 Published as: US-2005-0089904A1 on 4/28/2005	
	A72.	Office Action mailed: 4/19/2005 in U.S. Patent application 10/018,453 filed on 10/30/2001 , Now U.S. Patent 6,994,969 Issued on: 2/7/2006	
	A73.	Office Action mailed: 4/2/2008 in U.S. Patent application 11/222,991 filed on 9/8/2005, Published as: US-2006-0073501A on 4/6/2006	
	A74.	Office Action mailed: 5/16/2007 in U.S. Patent application 11/222,991 filed on 9/8/2005, Published as: US-2006-0073501A on 4/6/2006	
	A75.	Office Action mailed: 5/2/2007 in U.S. Patent application 11/089,805 filed on 3/24/2005 Published as: US-2005-0272070 on 12/8/2005	
	A76.	Office Action mailed: 5/20/2008 in U.S. Patent application 10/888/359 filed on 7/9/2004 Published as: US-2006-0210992A1 on 9/21/2006	
	A77.	Office Action mailed: 6/1/2004 in U.S. Patent application 10/018,453 filed on 10/30/2001 , Now U.S. Patent 6,994,969 Issued on: 2/7/2006	
	A78.	Office Action mailed: 7/11/2007 in U.S. Patent application 11/089,805 filed on 3/24/2005 Published as: US-2005-0272070 on 12/8/2005	
	A79.	Office Action mailed: 7/17/2008 in U.S. Patent application 10/830,943 filed on 4/22/2004 Published as: US-2005-0009053A1 on 1/13/2005	
	A80.	Office Action mailed: 7/3/2007 in U.S. Patent application 10/888/359 filed on 7/9/2004 Published as: US-2006-0210992A1 on 9/21/2006	
	A81.	Office Action mailed: 7/6/2005 in U.S. Patent application 10/272,665 filed on 11/15/2002 Published as: US-2003-0180748A1 on 9/25/2003, now U.S. Patent 7,332,275 issued on 2/19/2008	
	A82.	Office Action mailed: 8/28/2007 in U.S. Patent application 10/888/359 filed on 7/9/2004 Published as: US-2006-0210992A1 on 9/21/2006	
	A83.	Office Action mailed: 8/28/2006 in U.S. Patent application 10/272,665 filed on 11/15/2002 Published as: US-2003-0180748A1 on 9/25/2003, now U.S. Patent 7,332,275 issued on 2/19/2008	
	A84.	Office Action mailed: 9/2/2008 in U.S. Patent application 10/830,943 filed on 4/22/2004 Published as: US-2005-0009053A1 on 1/13/2005	
	A85.	Office Action mailed: 9/20/2007 in U.S. Patent application 10/272,665 filed on 11/15/2002 Published as: US-2003-0180748A1 on 9/25/2003, now U.S. Patent 7,332,275 issued on 2/19/2008	
	A86.	Office Action mailed: 9/29/2003 in U.S. Patent application 10/018,453 filed on 10/30/2001 , Now U.S. Patent 6,994,969 Issued on: 2/7/2006	
	A87.	Parsons et al., Environmental and Molecular Mutagenesis, 1998, vol. 32, p. 200-2111	
	A88.	Parsons et al., Mutagenesis, 1998, vol. 13, no. 6, p. 581-588	
	A89.	Pieles et al., Nucleic Acids Res., 21: 3191-3196 (1993)	

EXAMINER

DATE CONSIDERED

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	A90.	Prashar et al., Proc. Natl. Acad. Sci. USA, 93: 659-663 (1996)	
	A91.	Richterich et al., Nucleic Acids Res., 23: 4922-4923 (1995)	
	A92.	Risch et al., Science, 273: 1516-1517 (1996)	
	A93.	Sanger et al., Proc. Natl. Acad. Sci. USA, 74: 5463-5467 (1977).	
	A94.	Schena et al., Science, 270: 467-470 (1995).	
	A95.	Schinazi et al., Int. Antivir. News, 4: 95-107 (1996).	
	A96.	Sousa et al., EMBOL J. 14: 4609-4621 (1995).	
	A97.	Stevens, J. Bacteriol., 164: 57-62 (1985).	
	A98.	Steyaert, Eur. J. Biochem., 274: 1-11 (1997).	
	A99.	Stratagene Catalog (1998), page 39. Published by Stratagene, 11011 North Torrey Pines Road, La Jolla, CA 92037, USA	
	A100.	Supplemental European Search Report received in PCT/US2005/009929 mailed on 1/30/2009	
	A101.	Supplemental European Search Report received in PCT/US2005/032441 mailed on 11/28/2008	
	A102.	Tang et al., "Matrix-Assisted Laser Desorption/Ionization of Restriction Enzyme-digested DNA," Rapid Communications in Mass Spectrometry, Vol. 8, pages 183-186, 1994	
	A103.	Tost et al., "Genotyping Single Nucleotide Polymorphisms by Mass Spectrometry," Mass Spectrometry Reviews, John Wiley and Sons, New York, Vol. 21, No. 6, November 1, 2002, p. 388-418	
	A104.	Vos et al., Nucleic Acids Res., 23: 4407-4414 (1995).	
	A105.	Wodicka et al., Nature Biotechnol., 15: 1359-1367 (1997).	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

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